



06-08-04

JPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Dirk Blaine Forman
U. S. Serial No.: 10/814,023
Date Filed: 31 March 2004
For: "Apparatus and Method for Separating Impurities from a Stream"
Docket No. 673.001

Mail Stop Patent
Application
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

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Date of Deposit 7 June 2004

EXPRESS MAIL CERTIFICATE

I hereby certify that the attached Express Mail Certificate, Transmittal Letter, Information Disclosure Statement, PTO/SB/08A, Prior Art, and a stamped postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

Gloria Richard
GLORIA RICHARD



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**TRANSMITTAL LETTER OF INFORMATION DISCLOSURE STATEMENT
WITHIN THREE MONTHS OF FILING DATE OR BEFORE
MAILING OF FIRST OFFICE ACTION**

Sir:

In accordance with 37 C.F.R. § 1.56, the materials listed on the attached form PTO/SB/08A are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application.

The information disclosure statement submitted herewith is being filed within three months of the filing date of the above-identified application or date of entry into the national stage of an international application related thereto, or, to the best of applicant's knowledge, before the mailing date of the first Office Action on the merits, whichever occurs last.

The filing of this information disclosure statement shall not be construed to be a representation that a search has been conducted, nor shall it be construed as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

It is respectfully requested that the Examiner return a copy of the attached form PTO/SB/08A with initials or other appropriate marks indicating consideration of the cited materials.

Respectfully submitted,

Date: 7-June-2004

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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed below and on the attached form PTO/SB/08A are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed.

English-Language Documents:

Issue Date:

- | | |
|--|------------|
| 1. U. S. Patent No. 3,669,879 to Berriman | 06-13-1972 |
| 2. U. S. Patent No. 3,840,121 to Baram | 10-08-1974 |
| 3. U. S. Patent No. 3,879,286 to Berriman | 04-22-1975 |
| 4. U. S. Patent No. 4,230,564 to Keefer | 10-28-1980 |
| 5. U. S. Patent No. 4,261,833 to Pohl et al. | 04-14-1981 |
| 6. U. S. Patent No. 4,333,832 to Siwecki et al. | 06-08-1982 |
| 7. U. S. Patent No. 4,482,459 to Shiver | 11-13-1984 |
| 8. U. S. Patent No. 4,592,768 to Cutler et al. | 06-03-1986 |
| 9. U. S. Patent No. 4,886,597 to Wild et al. | 12-12-1989 |
| 10. U. S. Patent No. 6,132,613 to Hopkin et al. | 10-17-2000 |
| 11. U. S. Patent No. 6,187,197 B1 to Haddock | 02-13-2001 |
| 12. U. S. Patent No. 6,220,951 B1 to Clayton et al. | 04-24-2001 |
| 13. U. S. Patent No. 6,245,121 B1 to Lamy et al. | 06-12-2001 |
| 14. U. S. Patent No. 6,270,823 B1 to Jolkin | 08-07-2001 |
| 15. U. S. Patent No. 6,358,407 B1 to Liao et al. | 03-19-2002 |
| 16. U. S. Patent No. 6,375,849 B1 to Crabtree et al. | 04-23-2002 |

English-Language Documents:**Issue Date:**

| | |
|--|------------|
| 17. U. S. Patent No. 6,416,668 B1 Al-Samadi | 07-09-2002 |
| 18. U. S. Patent No. 6,620,327 B2 Haddock | 09-16-2003 |
| 19. U. S. Pat. Appln. Pub. No. 2002/0017491 A1 to Haddock | 02-14-2002 |
| 20. U. S. Pat. Appln. Pub. No. 2002/0070165 A1 to Schmidt | 06-13-2002 |
| 21. U. S. Pat. Appln. Pub. No. 2003/0054546 A1 to Petrecca et al. | 03-20-2003 |
| 22. U. S. Pat. Appln. Pub. No. 2003/0064428 A1 to Herman et al. | 04-03-2003 |
| 23. U. S. Pat. Appln. Pub. No. 2003/0127391 A1 to Craft, Sr. et al | 07-10-2003 |

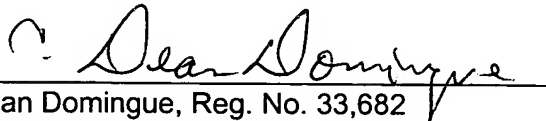
Foreign-Language Documents:

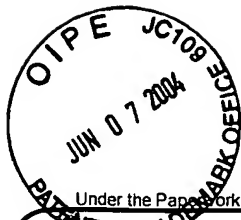
The following foreign-language documents are being brought to the attention of the Examiner along with a concise explanation of the relevance of each document, as it is presently understood by the individual designated in 37 C.F.R. § 1.56(c) most knowledgeable about the content of the information of each document: n/a

Respectfully submitted,

Date: _____

7-June-2004


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PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

| | |
|------------------------|--------------------|
| Application Number | 10/814,023 |
| Filing Date | 31 March 2004 |
| First Named Inventor | Dirk Blaine Forman |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 673.001 |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | 1 | US- 3,669,879 | 06-13-1972 | Berriman | |
| | 2 | US- 3,840,121 | 10-08-1974 | Baram | |
| | 3 | US- 3,879,286 | 04-22-1975 | Berriman | |
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| | 5 | US- 4,261,833 | 04-14-1981 | Pohl et al. | |
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| | 17 | US- 6,416,668 B1 | 07-09-2002 | Al-Samadi | |
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| | 19 | US- 2002/0017491 A1 | 02-14-2002 | Haddock | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
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Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)